

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D130-701 REV. F AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D130-701 REV. 5 OR LATER APPROVED REVISION

REF. TCCA STC: SH94-14
REF. FAA STC: SR00213NY
REF. EASA STC: 10016996
REF. ANAC STC: 2007S03-03

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide instructions to install the improved design D5359-041 Strut Assembly on the D130-701-043 Basket Installation at CHG 009 or later and the D130-701-041 Basket Installation at CHG 006 or later.

The improved D5359-041 Strut Assembly fits both LH and RH installations. Therefore, the D5359-042 Strut Assembly has been eliminated from the D130-701-043 kits at CHG 009 and later and the D130-701-041 kits at CHG 006 and later.

2.0 INSTALLATION

1. Refer to IIN-D130-701 Rev F Figure 9 and replace with Figure 1 of this DSI.

2. Refer to IIN-D130-701 Rev F and replace sections 3.2.15 & 3.2.16 as follows:

3.2.15 Locate the D5359-041 strut assembly as shown in Figure 9.

3.2.16 Adjust the clevises at both ends of the strut to the appropriate length and angle to ensure that the MS17984-CXXX quick release pins can be engaged as shown in Figure 9 and install the MS17984-CXXX quick release pins. It is acceptable to flip orientation of the MS17984-CXXX Quick release pins to facilitate installation of the D5359-041 strut assembly.

3.2.17 Torque the quantity (2) NAS509-6C jam nut per Table 1 (of IIN-D130-701). Check the witness holes on the strut to ensure that the threads on the clevises extend past the witness holes.

3.2.18 Secure the NAS509-6C jam nuts to the AN3CH11A or AN3CH12A bolts using lock wire per AC43.13 or MS33540.

3. Continue with remainder of installation starting at section 3.2.17 of IIN-D130-701 Rev F.

3.0 MAINTENANCE

1. Refer to ICA-D130-701 Rev 5 Figure 25-6 and add Figure 1 of this DSI as Figure 25-6C.

2. With reference to sections 25.2.5 and 25.6.4 of ICA-D130-701 Rev 5, install D5359-041 strut assembly on both LH and RH baskets for D130-701-041 at CHG 006 and subsequent and D130-701-043 at CHG 009 and subsequent

3. Maintain the improved D5359-041strut assembly per ICA-D130-701 Rev 5.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY:

D. SHEPHERD (DE # 02)

DATE: 16.12.22
CERT. NO.: SH94-14
ISSUE NO.: 7

APPROVED

A	NEW ISSUE	AJS	16.12.22
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	NO		
CHECKED	AJS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9769	SHEET 1 OF 3
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	STRUT INSTALLATION	NTS
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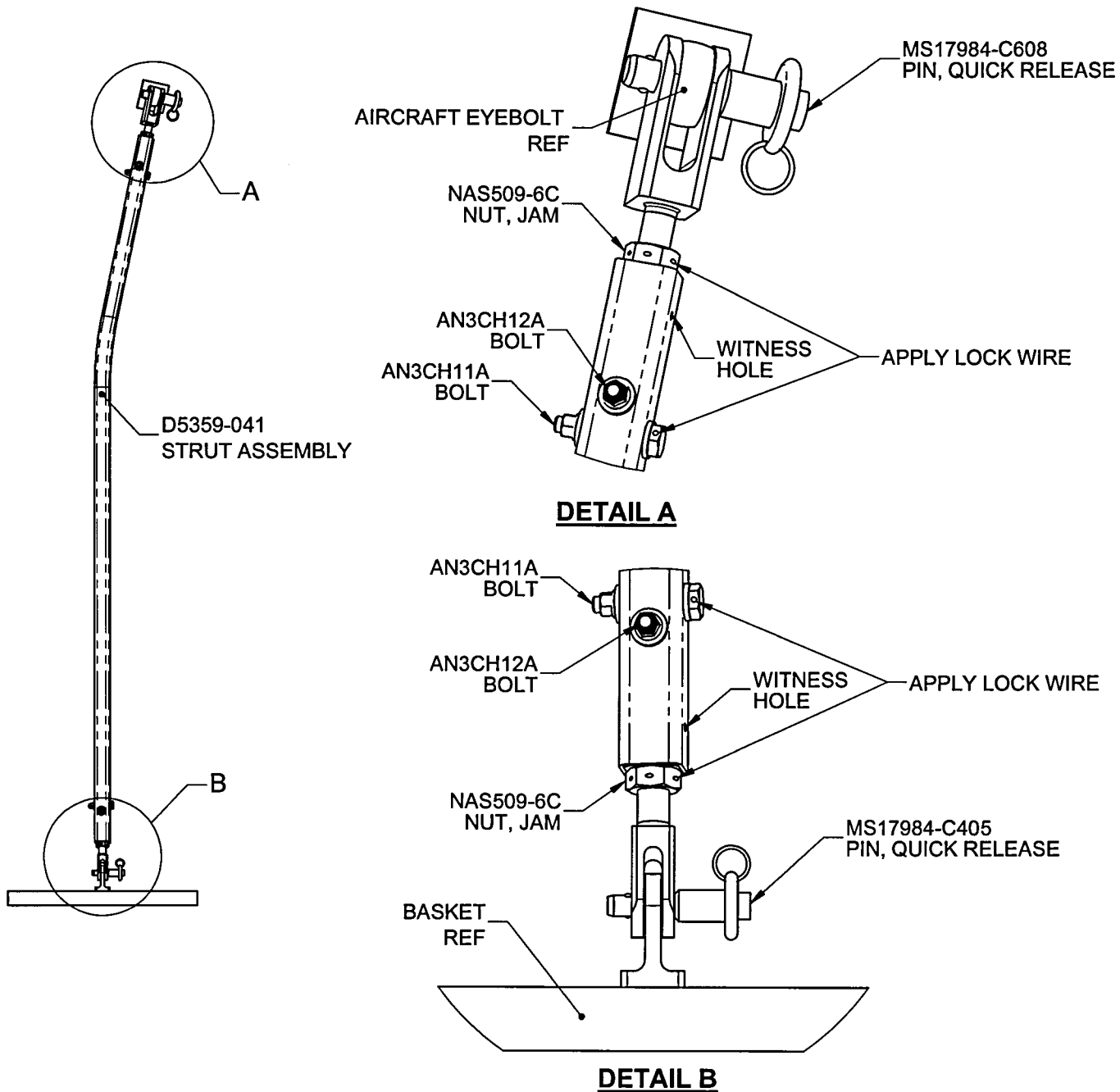


Figure 1- Strut Installation
 (-041 Baskets at CHG 006 and Subsequent)
 (-043 Baskets at CHG 009 and Subsequent)

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DRAWN	NO		
CHECKED	AJS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9769	SHEET 2 OF 3
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4.0 WEIGHT AND BALANCE

There is a negligible weight and balance change associated with this modification.

5.0 PARTS LIST

Update the Parts List in IIN-D130-701 Rev F and ICA-D130-701 Rev 5 as follows for D130-701-043 at CHG 009 or later and D130-701-041 at CHG 006 or later.

QTY -041	QTY -043	Part Number	Description
X		D130-701-041	HELI-UTILITY-BASKET
	X	D130-701-043	HELI-UTILITY-BASKET
1	1	D5359-041	STRUT ASSEMBLY
	1	D5359-042	STRUT ASSEMBLY
	1	D5367-1	BUSHING


DELETE

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DRAWN	NO	
CHECKED	AJS	DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9769 SHEET 3 OF 3
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